

# ASSIGNMENT 2

Textbook Assignment: “Anatomy and Physiology,” chapter 1—continued, pages 48-63; “Fundamentals of Patient Care,” chapter 2, pages 2-1 through 2-39.

---

- 2-1. The conversion of mechanical impulses (sound waves) to neural impulses that can be interpreted by the brain is a function of the
1. endolymph
  2. semicircular canals
  3. organ of Corti
  4. fenestra ovalis
- 2-2. The enzymatic action of amylase results in the chemical breakdown of
1. fats to fatty acids
  2. starches to fats
  3. starches to complex sugars
  4. proteins to complex sugars
- 2-3. Absorption of food occurs predominantly in which of the following areas of the intestines?
1. Duodenum
  2. Jejunum
  3. Ileum
  4. Cecum
- 2-4. Of the organs listed below, which function as the accessory organs of digestion for the small intestines?
1. Pancreas, liver, villae
  2. Spleen, liver, gallbladder
  3. Pancreas, pylorus, spleen
  4. Pancreas, liver, gallbladder
- 2-5. The gallbladder performs which of the following purposes?
1. Stimulates the production of insulin
  2. Stores bile
  3. Metabolizes sugars
  4. Produces antibodies
- 2-6. The functional unit of the kidney is called the
1. nephron
  2. Malpighian body
  3. glomerulus
  4. loop of Henle
- 2-7. Which of the following is/are (a) function(s) of the kidneys?
1. To maintain acid-base balance
  2. To remove certain toxic substances
  3. To remove excess sugar
  4. All the above
- 2-8. Blood concentration varies due to which, if any, of the following factors?
1. Temperature
  2. Water intake
  3. State of health
  4. None of the above
- 2-9. What is the approximate total capacity of the adult bladder?
1. 250 ml
  2. 300 ml
  3. 600 ml
  4. 750 ml

- 2-10. Testosterone production is a function of which of the following glands?
1. Cowper's
  2. Prostate
  3. Testes
  4. Bulbourethral
- 2-11. Which of the following is/are considered the primary female reproductive organs?
1. Ovaries
  2. Fallopian tubes
  3. Uterus
  4. Endometrium
- 2-12. Fertilization of an ovum normally takes place in the
1. ovaries
  2. fallopian tubes
  3. uterus
  4. vagina
- 2-13. The concepts of health include
1. the absence of disease or disability
  2. soundness of mind, body, and spirit
  3. both 1 and 2 above
  4. a feeling of euphoria
- 2-14. Patient rights and responsibilities are standards addressed by what organization?
1. Commander, Navy Medical Command (formerly Bureau of Medicine and Surgery)
  2. American Medical Association (AMA)
  3. Joint Commission on Accreditation of Healthcare Organizations (JCAHO)
  4. National League of Nursing (NLN)
- 2-15. The limitations imposed upon a healthcare provider are based on local regulations and which of the following elements?
1. The rating's occupational standards
  2. The rate training manual
  3. The provider's training and experience
  4. All of the above
- 2-16. In the healthcare field, accountability means that providers
1. are held responsible for their actions
  2. must continue their education in the healthcare field
  3. are bound by a code of ethics
  4. all the above
- 2-17. A patient requests your advice or opinion concerning the care or proposed care (s)he is undergoing. Which, if any, of the following is the appropriate response?
1. Answer honestly, to the best of your ability
  2. Refer the patient to the nurse or physician responsible for his/her care
  3. Say you'll ask your supervisor
  4. None of the above
- 2-18. Personal and medical information learned about a patient as the result of your position as a Hospital Corpsman is privileged and must not be divulged to unauthorized individuals.
1. True
  2. False

- A. Learned and shared behavior patterns and standards.
- B. How one responds to and regards others.
- C. Inherited characteristics.
- D. Belief system.

**TO ANSWER QUESTIONS 2-19 THROUGH 2-21, SELECT FROM THE ABOVE LIST THE STATEMENT THAT MOST ACCURATELY DESCRIBES THE TERMS GIVEN IN THE QUESTION. NOT ALL STATEMENTS WILL BE USED.**

2-19. Interpersonal relations.

- 1. A
- 2. B
- 3. C
- 4. D

2-20. Culture.

- 1. A
- 2. B
- 3. C
- 4. D

2-21. Race.

- 1. A
- 2. B
- 3. C
- 4. D

2-22. A patient who is a professed atheist is placed on the Very Serious List (VSL) with a poor prognosis for recovery. All of the following actions by the staff are considered appropriate and ethical EXCEPT

- 1. informing the rest of the staff of the patient's nonreligious beliefs
- 2. informing the rest of the staff of the patient's condition
- 3. informing pastoral services (chaplain) of the patient's condition and nonreligious beliefs
- 4. attempting to convince the patient to accept a religious belief

2-23. The communication process takes place only through the written or spoken word.

- 1. True
- 2. False

2-24. Communication barriers inhibit the flow of information and may consist of which of the following factors?

- 1. Decreased auditory acuity
- 2. Age
- 3. Education
- 4. All the above

2-25. The most common cause of ineffective communication and the most difficult obstacle to identify is which of the following barriers?

- 1. Psychological
- 2. Physical
- 3. Psychosocial
- 4. Spiritual or religious

2-26. In the communication process, listening is a critical skill and can be improved by developing which, if any, of the following attitudes and behaviors?

1. Anticipating what the patient will say
2. Minimizing distractions
3. Taking notes
4. None of the above

2-27. The purpose of therapeutic communication includes all of the following EXCEPT

1. assessing behavior and modifying if appropriate
2. educating a patient regarding health and health care
3. providing information on how to get to the appropriate clinic for treatment
4. obtaining information to determine a patient's illness

A. Contact point communication

B. Therapeutic communication

**TO ANSWER QUESTIONS 2-28 THROUGH 2-31, SELECT FROM THE LIST ABOVE THE TERM THAT MOST APTLY APPLIES TO THE REQUIREMENT PRESENTED.**

2-28. Developing a patient's history of a complaint.

1. A
2. B

2-29. Explaining the necessities and methods of personal hygiene to the parent of a young patient.

1. A
2. B

2-30. Providing self-care instructions to a patient released to convalescent leave.

1. A
2. B

2-31. Directing the patient to the pharmacy to fill a prescription.

1. A
2. B

2-32. Which of the following are goals of patient health education?

1. Promoting patient self-care
2. Promoting behavior modification
3. Influencing a patient's attitude toward health and disease
4. All the above

2-33. Patient education is the responsibility of

1. the members of the command education and training department
2. only the physician and nurses for the patient
3. all members of the healthcare team
4. the outpatient staff and clinic supervisor only

Kind(s) of observation(s)

A. Subjective only

B. Objective only

C. Both subjective and objective

**TO ANSWER QUESTIONS 2-34 THROUGH 2-38, SELECT FROM THE ABOVE LIST THE TYPE(S) OF OBSERVATION(S) THAT MOST ACCURATELY APPLY(S) TO THE SCENARIO DESCRIBED IN THE QUESTION.**

- 2-34. In the emergency room, you are examining a patient who suddenly vomits and tells you he has been feeling nauseous for the past several hours.
1. A
  2. B
  3. C
- 2-35. A patient claims to have swallowed many pills and complains of sleepiness and nausea.
1. A
  2. B
  3. C
- 2-36. An EKG performed on a patient is interpreted as normal and the patient's breathing improves with oxygen therapy.
1. A
  2. B
  3. C
- 2-37. A patient complains of chest pain and has difficulty breathing.
1. A
  2. B
  3. C
- 2-38. When picking up a patient's dinner tray, you notice that only the liquids have been consumed at this meal, although the patient has normally eaten full meals before this.
1. A
  2. B
  3. C
- 2-39. A medical patient is prescribed therapeutic bed rest primarily for what reason?
1. To inhibit the development of circulatory problems
  2. To prevent depression and apathy
  3. To prevent further damage to body systems
  4. To inhibit the development of respiratory problems
- 2-40. A health care provider can reasonably expect that all patients admitted for surgical procedures will exhibit which of the following characteristics?
1. Be very demanding
  2. Be apathetic and passive
  3. Exhibit violent behavior
  4. Be fearful and anxious
- 2-41. SF 522, Request for Administration of Anesthesia and for Performance of Operations and other Procedures, is normally signed by a parent, legal guardian, or spouse EXCEPT when the patient is
1. able to do so
  2. over 16 years of age but under 18
  3. over 18 years of age but under 21
  4. a member of the Armed Forces
- 2-42. When a regional anesthetic is administered, the patient can expect what effect?
1. Motor, but not sensory perception will diminish
  2. Pain will be reduced or eliminated in the body part injected or swabbed
  3. Level of consciousness will decline
  4. The entire body will become numb

- 2-43. In general anesthesia, a stimulation of vital signs is evidence of what level of anesthesia induction?
1. Stage 1
  2. Stage 2
  3. Stage 3
  4. Stage 4
- 2-44. Dropping a metal basin on the operating room floor may cause a violent response from a general anesthesia patient in what stage of anesthesia?
1. Stage 1
  2. Stage 2
  3. Stage 3
  4. Stage 4
- 2-45. In the immediate postoperative recovery phase, a patient's skin color may be indicative of all of the following EXCEPT
1. the patient's ability to recover from the anesthetic agent
  2. postoperative hemorrhage
  3. degradation of respiratory function
  4. the development of shock
- 2-46. When permitted, postoperative patients should be encouraged to ambulate to improve the functions of which of the following physiologic systems?
1. Renal system
  2. Digestive system
  3. Cardiopulmonary system
  4. All of the above
- 2-47. When caring for a young, otherwise healthy orthopedic patient requiring immobilization, the healthcare provider can anticipate all of the following EXCEPT
1. symptoms of emotional stress
  2. frequent complaints of sore or aching pain
  3. periods of dizziness associated with disorientation
  4. a deterioration of skin tone and function
- 2-48. Unless otherwise directed by the physician, when one is applying a cast to an arm, the patient's wrists is generally in which of the following positions?
1. Extended about 10 degrees
  2. In the neutral position
  3. Flexed about 30 degrees
  4. In any of the above; specific position is immaterial
- 2-49. A patient who has been fitted with a cast should be instructed to return to the medical treatment facility as soon as possible under which of the following circumstances?
1. The cast becomes soiled
  2. The extremity affected by the cast is numb
  3. The itching becomes unbearable
  4. The cast gets wet
- 2-50. In the theory of death and dying, it is suggested that most people exhibit five stages. The stage where the terminal patient becomes concerned about the state of his or her affairs and family members is known as the stage of
1. denial
  2. acceptance
  3. bargaining
  4. depression

- 2-51. Patient falls may be avoided by taking which of the following preventive measures?
1. Proper use of bed/gurney siderails
  2. Keeping floors dry and uncluttered
  3. Instructing patients on the proper use of walking aids (crutches, canes, etc.)
  4. All of the above
- 2-52. Electrical and electronic equipment poses significant injury hazards. Of the following, which is the authorized means of reducing this hazard?
1. Repairing frayed cords with electrical tape to prevent shock
  2. Informing the staff of defective equipment
  3. Having medical repair perform electrical safety checks on all equipment
  4. Using only two-prong, nongrounded electrical plugs
- 2-53. Skin contact burns can be caused by icebags or hypothermia blankets.
1. True
  2. False
- 2-54. During a fire evacuation, which of the following procedures is NOT considered appropriate?
1. Immediately remove patients to safety
  2. Close all windows and doors
  3. Turn off all oxygen equipment not necessary to sustain life
  4. Clear all possible exits
- 2-55. Because of its nonstatic qualities, the most acceptable material for use in the operating room is
1. wool
  2. synthetic fabrics
  3. untreated synthetic/cotton blends
  4. 100% cotton

- 2-56. Documentation and analysis of all accidents and injuries is provided for which of the following reasons?
1. To forestall negligence or malpractice suits
  2. To identify and punish the responsible person(s)
  3. To identify and correct safety deficiencies
  4. All of the above
- 2-57. Environmental hygiene is directed toward producing a healthy environment and includes such practices as maintaining unit cleanliness and
1. providing for adequate ventilation
  2. limiting noise levels
  3. proper disposal of soiled articles
  4. all of the above
- 2-58. What source is considered the most frequent reservoir of infectious agents pathogenic to man?
1. Soil
  2. Animals
  3. Man
  4. Plants

- |  |
|--|
| <p>A. Corpsman's hands<br/>B. Patient<br/>C. Abdominal wound<br/>D. Furuncle</p> |
|--|

**TO ANSWER ITEMS 2-59 THROUGH 2-62, SELECT FROM THE ABOVE LIST THE SITUATIONAL ELEMENT THAT MOST CLOSELY MATCHES THE CHAIN OF INFECTION LINK GIVEN IN THE QUESTION AS IT APPLIES TO THE FOLLOWING SCENARIO.**

A corpsman assists a medical officer to perform incision and drainage of a furuncle on a patient's leg. After the I&D procedure, the corpsman changes a postsurgical abdominal dressing on the same patient. A few days later, the surgical wound appears red and swollen and a culture reveals a significant staphylococcal infection.

2-59. Reservoir of the infectious agent.

1. A
2. B
3. C
4. D

2-60. Mode of transmission.

1. A
2. B
3. C
4. D

2-61. Portal of entry.

1. A
2. B
3. C
4. D

2-62. Susceptible host.

1. A
2. B
3. C
4. D

2-63. One essential practice of medical asepsis is washing your hands before and after changing a patient's dressing(s).

1. True
2. False

2-64. Minimizing the spread of an infectious disease can be accomplished by the use of isolation techniques that may include

1. limiting patient contact
2. establishing physical barriers
3. concurrent and terminal disinfection
4. all of the above

2-65. The sterilization method of choice for most articles used in surgery is

1. dry heat
2. steam under pressure
3. ethylene oxide gas
4. soaking in glutaraldehyde

2-66. Which of the following is an important step in using ethylene oxide gas for sterilization?

1. Providing protective masks to the operators
2. Providing an aeration period
3. Including surgical blades and sutures in the pack
4. Ensuring adequate steam pressure in the chamber

2-67. Sterilization of individual strands of suture is acceptable for which of the types listed?

1. All absorbable suture material
2. All nonabsorbable suture material
3. Both 1 and 2 above
4. Stainless steel sutures only

2-68. Which of the following rubber products may be resterilized after use?

1. Disposable surgeon's gloves
2. Latex surgical drains
3. Surgical suction tubing
4. Disposable urinary catheters



- 2-69. While adding items to a sterile field, you think you may have dragged the corner of a wrapper across part of the field. What should your course of action be?
1. Do nothing. Wrappers are considered clean
  2. Tell the scrub technician so he or she can avoid that part of the field
  3. Say nothing and continue with what you are doing
  4. Dismantle the field and set up a new field
- 2-70. When setting up a minor surgery case, you notice that the instrument pack is outdated, What should you do?
1. Unwrap and inspect the pack and if usable, resterilize
  2. Resterilize the pack without unwrapping
  3. Return it to the shelf and let someone else take care of it
  4. Use the pack; only the outside is not sterile
- 2-71. The surgical hand scrub is performed to
1. chemically sterilize the hands and forearms
  2. remove all bacteria from the hands and forearms
  3. reduce bacterial to a minimum on the hands and forearms
  4. remove obvious dirt and grime from the hands and forearms
- 2-72. Transient and resident bacteria are easily removed from the skin by the friction created during the surgical hand scrub.
1. True
  2. False
- 2-73. What is the preferred method of cleaning an operating room floor between operations?
1. Sponge and disinfectant
  2. Broom
  3. Mop
  4. Wet vacuum
- 2-74. For effective sterilization of microbiological infectious waste, the temperature of the sterilizing steam must be maintained at \_\_\_\_\_ for at least \_\_\_\_\_, at \_\_\_\_\_ per square inch of gauge pressure.
1. 121° F, 45 minutes, 15 pounds
  2. 121° C, 90 minutes, 10 pounds
  3. 250° F, 90 minutes, 15 pounds
  4. 250° C, 45 minutes, 10 pounds